

Title (en)

OPTICAL COMMUNICATION OF INTERLEAVED SYMBOLS ASSOCIATED WITH POLARIZATIONS

Title (de)

OPTISCHE ÜBERTRAGUNG VON MIT POLARISATIONEN ASSOZIIERTEN VERSCHACHTELTEN SYMBOLEN

Title (fr)

COMMUNICATION OPTIQUE DE SYMBOLES ENTRELACÉS ASSOCIÉS À DES POLARISATIONS

Publication

EP 2896143 B1 20180718 (EN)

Application

EP 13763379 A 20130903

Priority

- US 201261701634 P 20120915
- US 201213632094 A 20120930
- US 2013057789 W 20130903

Abstract (en)

[origin: US2014079394A1] An apparatus comprises a coherent optical transmitter. The coherent optical transmitter comprises a first modulator for generating a first polarization, a second modulator for generating a second polarization, and a symbol interleaver configured to receive a first symbol stream intended to be transmitted on a first polarization and a second symbol stream intended to be transmitted on a second polarization, to direct one portion of symbols of the first symbol stream to the first modulator for modulation onto the first polarization and another portion of the symbols of the first symbol stream to the second modulator for modulation onto the second polarization, and to direct one portion of symbols of the second symbol stream to the first modulator for modulation onto the first polarization and another portion of the symbols of the second symbol stream to the second modulator for modulation onto the second polarization.

IPC 8 full level

H04B 10/50 (2013.01); **H04B 10/532** (2013.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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